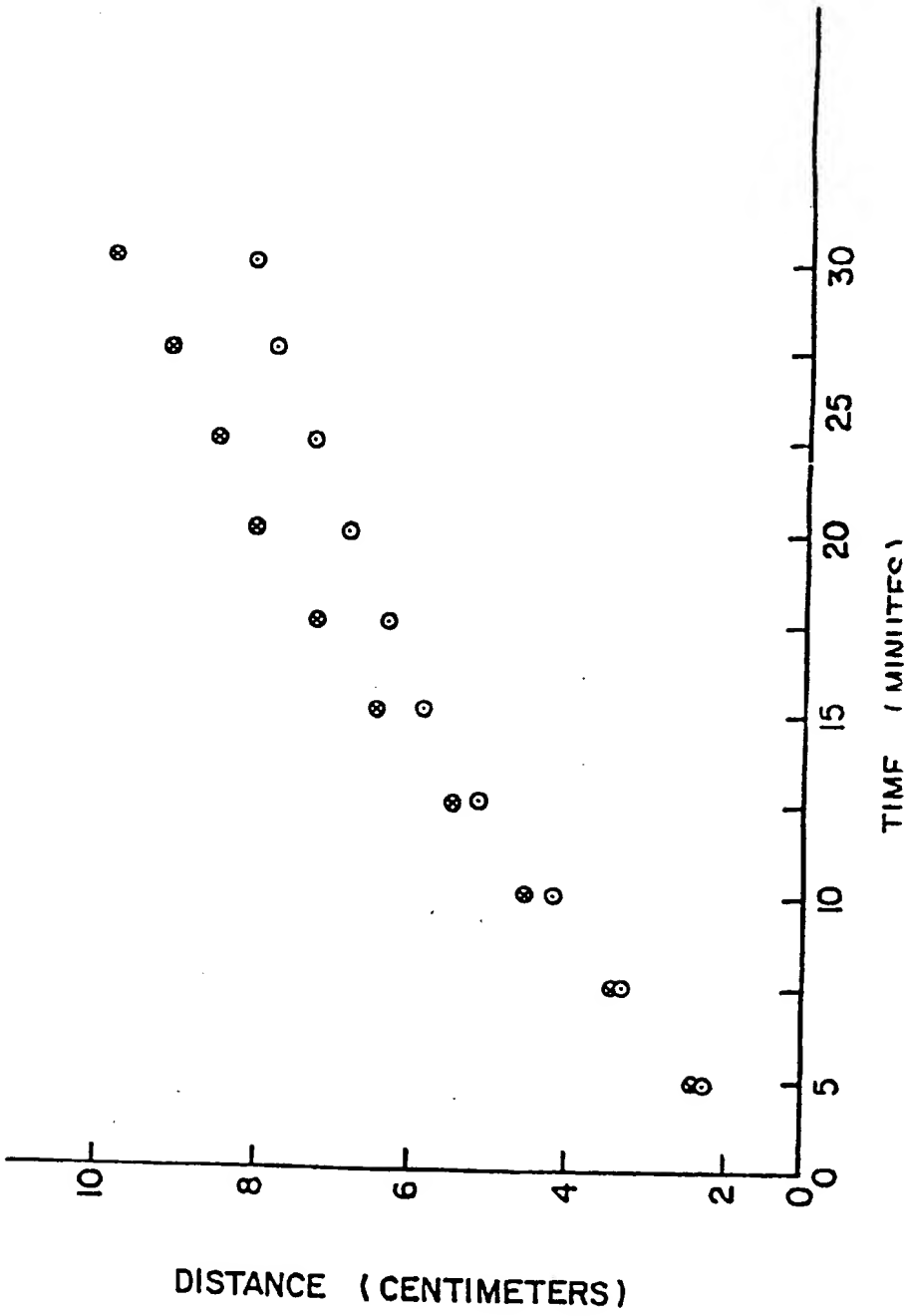


FIG. 1

05656700 "1003"

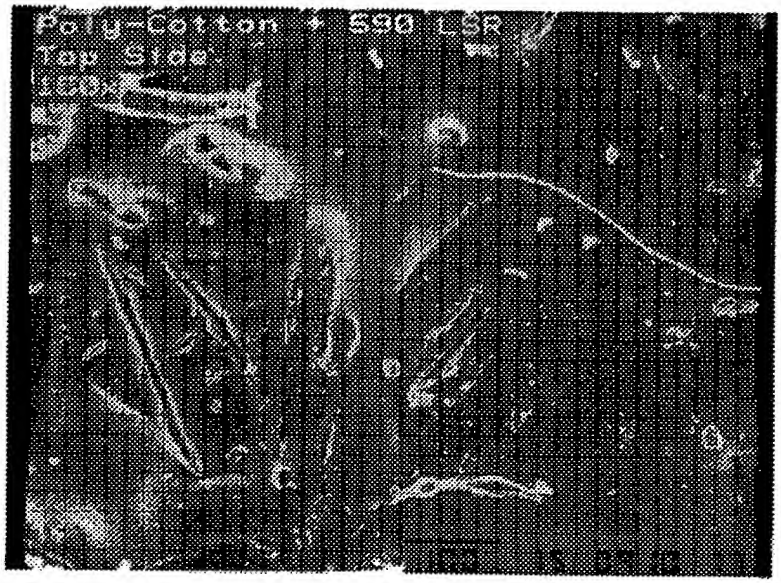


FIG. 2

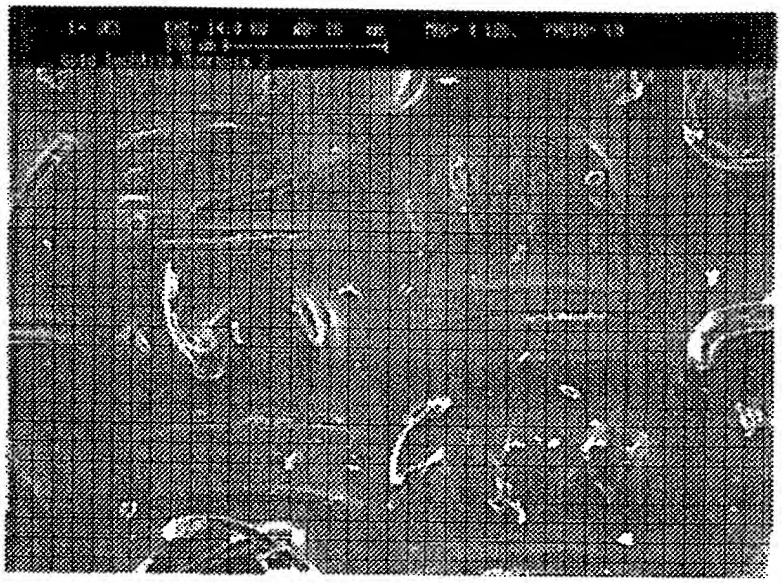


FIG. 3a

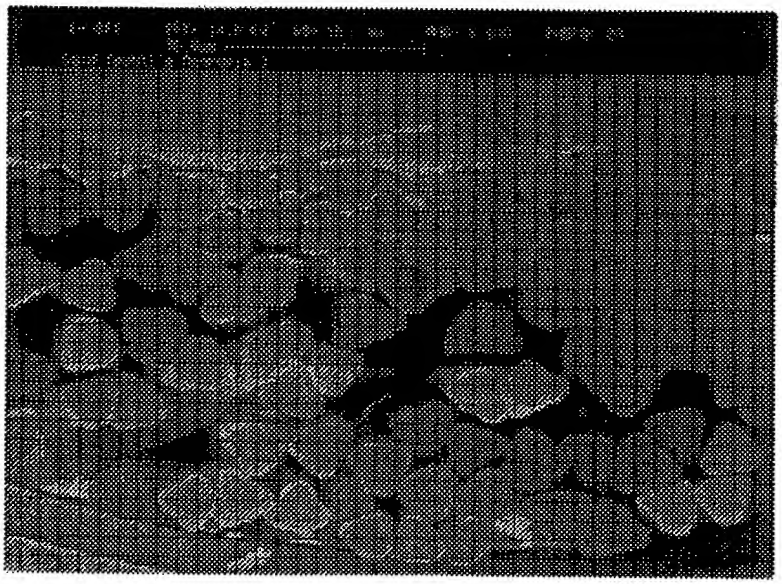


FIG. 3b

0656700 "11059

08562700 - 110397

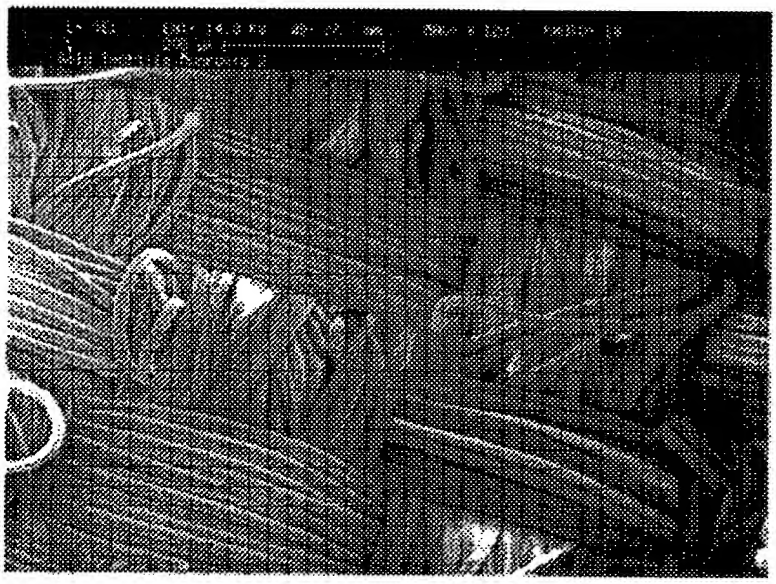


FIG. 3c

FIG. 4a

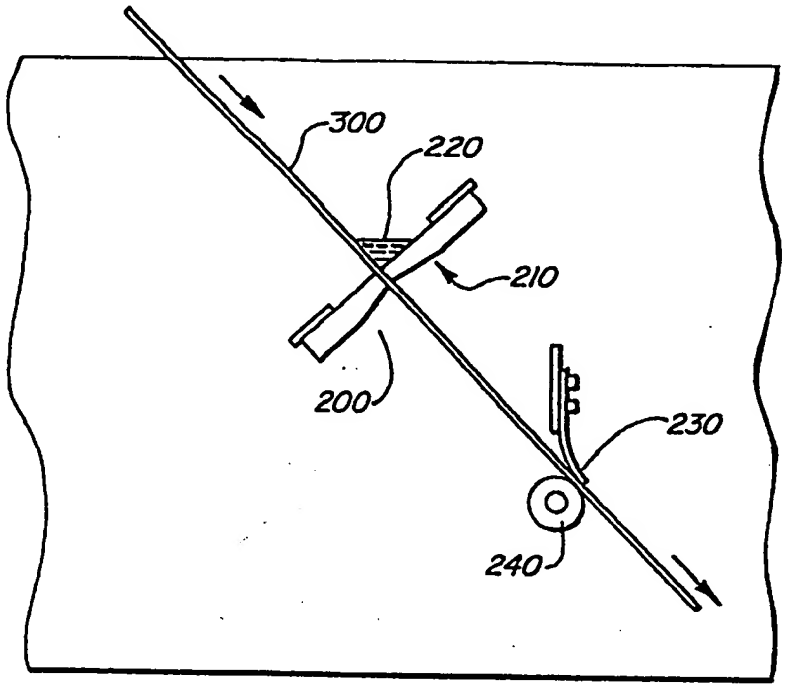
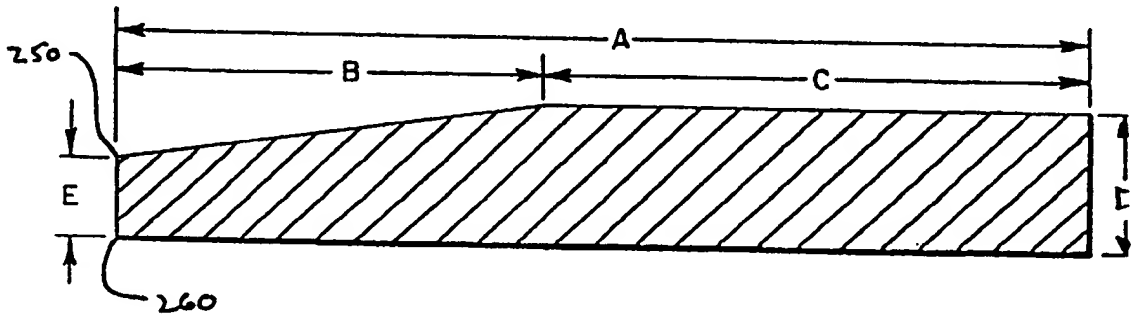


FIG. 4b



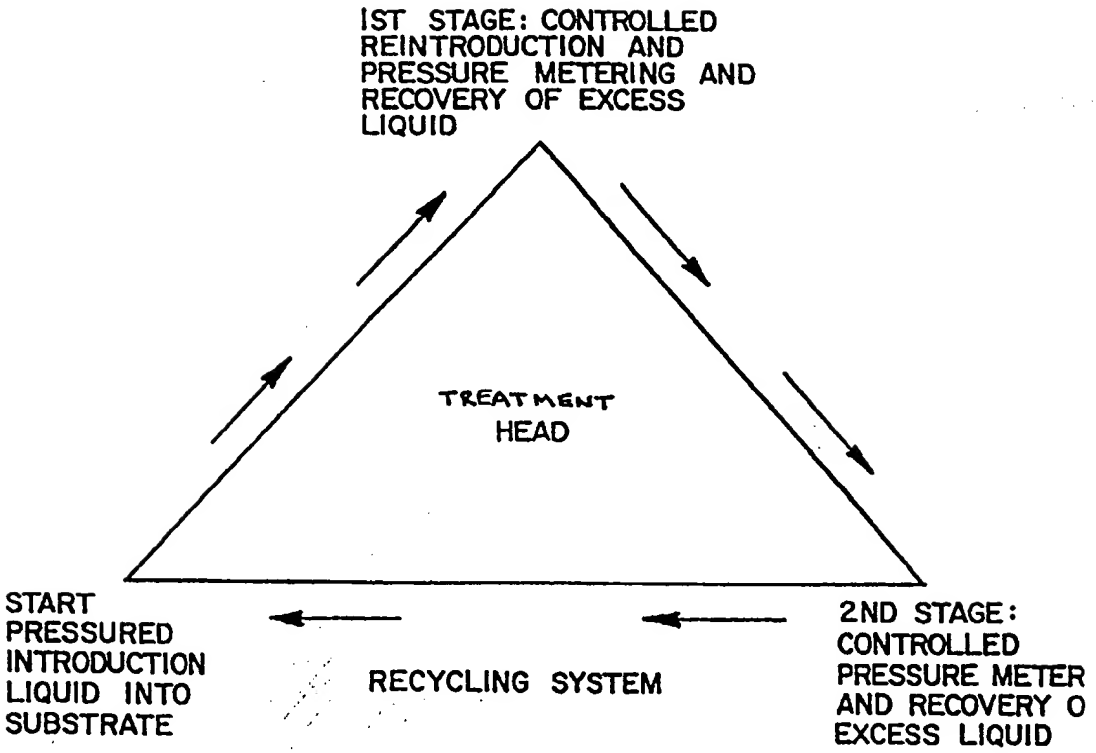

1ST STAGE: CONTROLLED REINTRODUCTION AND PRESSURE METERING AND RECOVERY OF EXCESS LIQUID
TREATMENT HEAD
START PRESSURED INTRODUCTION LIQUID INTO SUBSTRATE
RECYCLING SYSTEM
2ND STAGE: CONTROLLED PRESSURE METER AND RECOVERY O EXCESS LIQUID

FIG. 5

FIG. 6

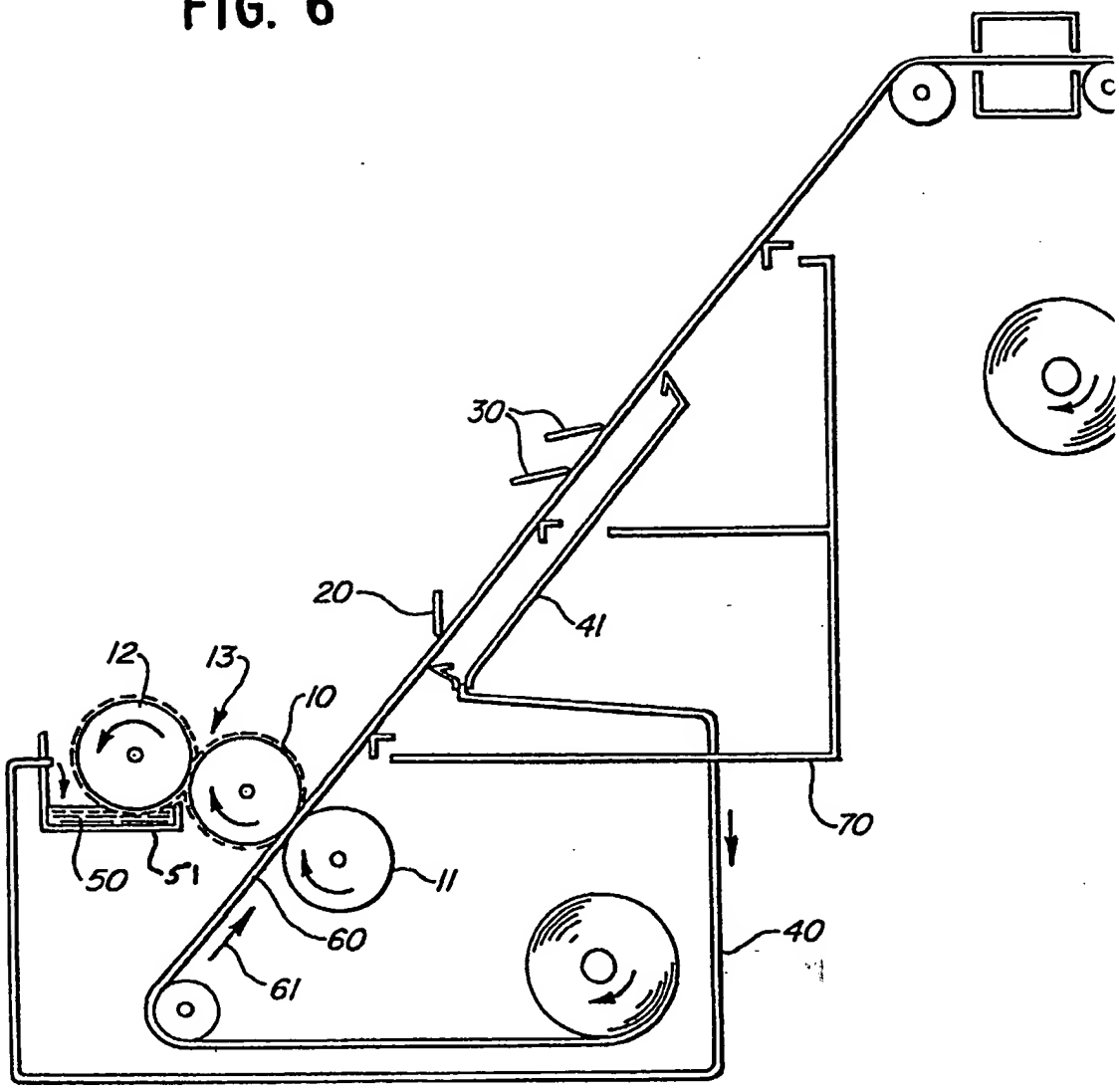


FIG. 7

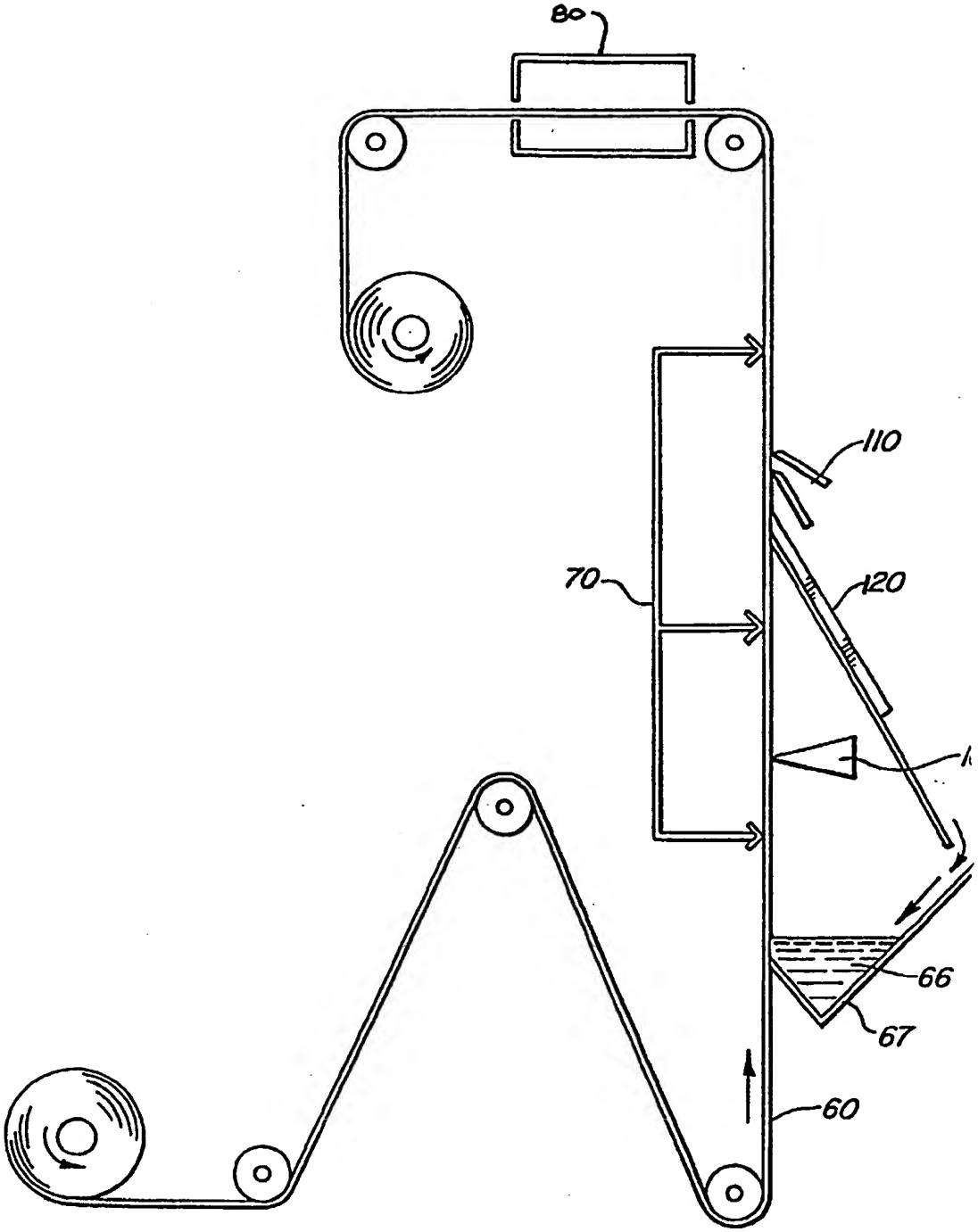


FIG. 8a PRIOR ART

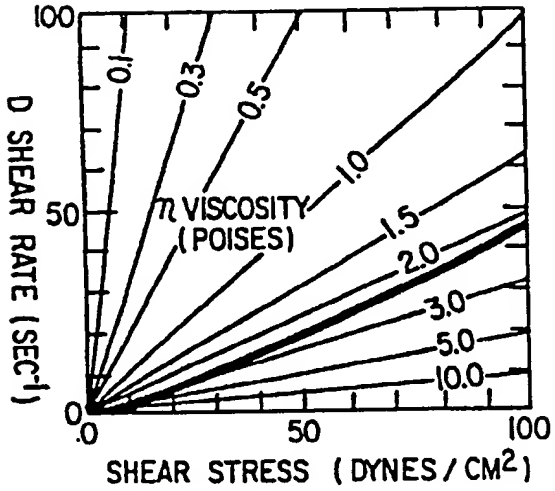


FIG. 8b PRIOR AR

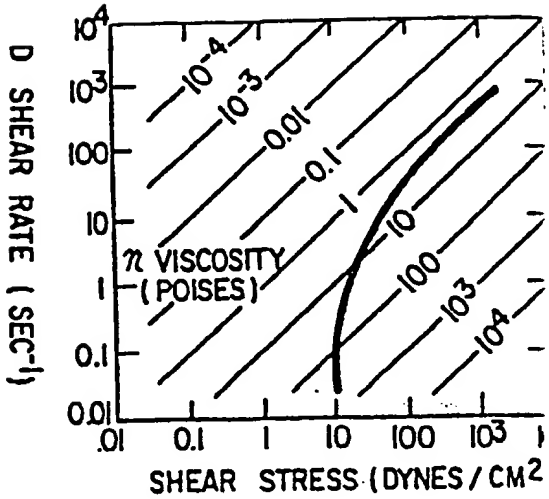


FIG. 8c PRIOR ART

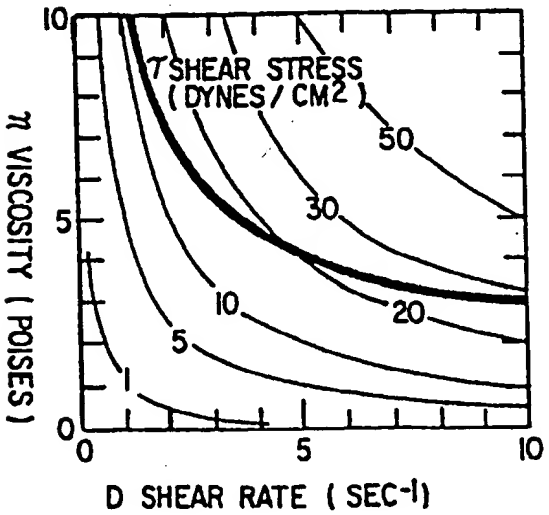
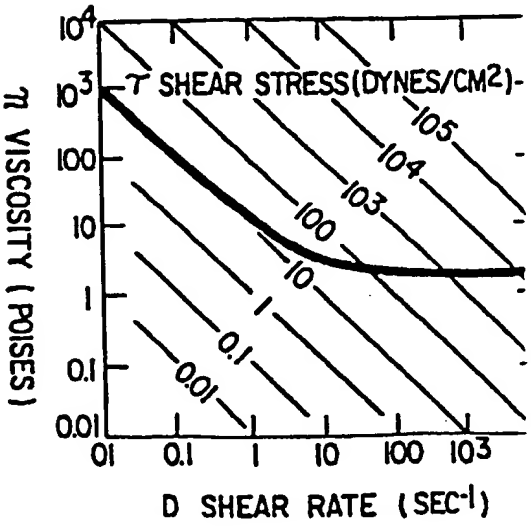


FIG. 8d PRIOR AR



06852700 - 11/08/90

FIG. 9 PRIOR ART

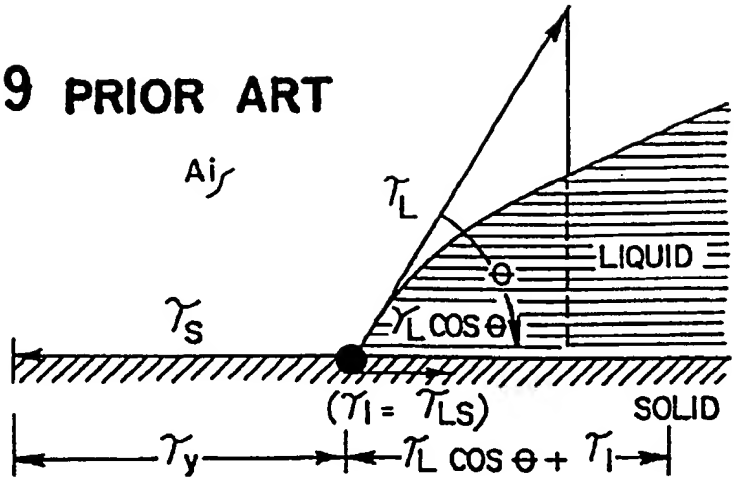
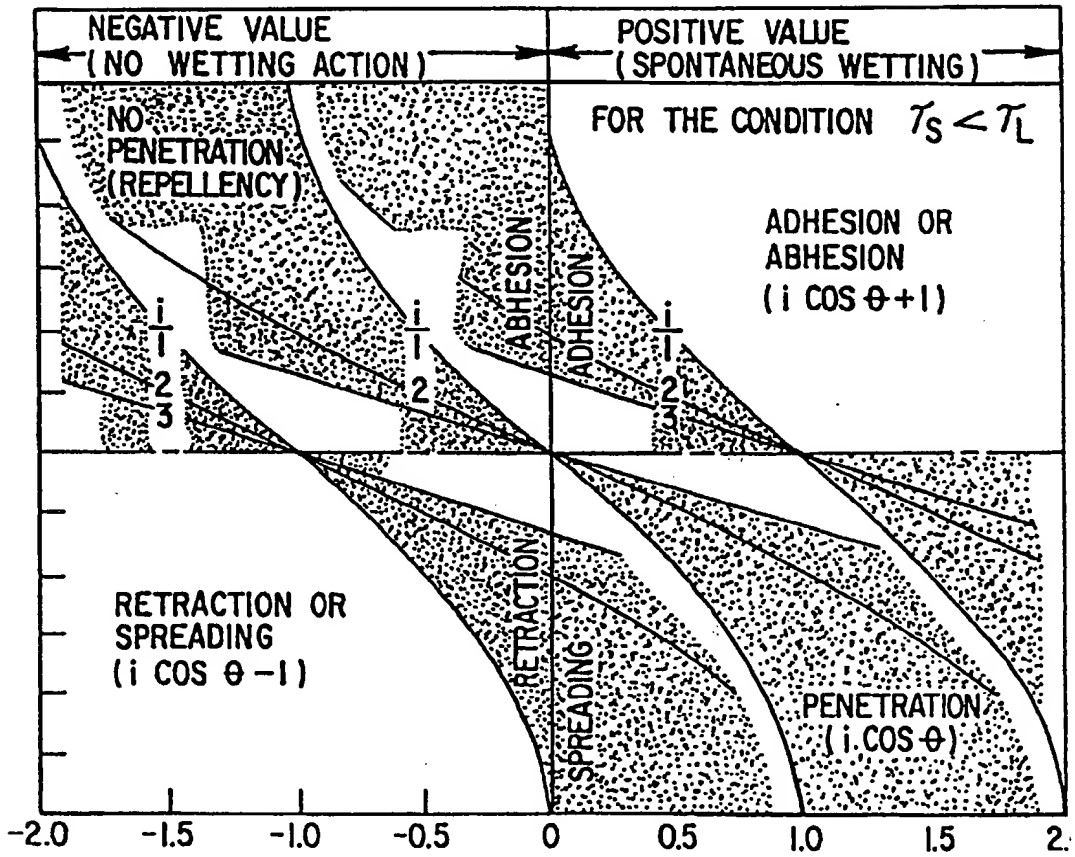


FIG. 10 PRIOR ART



FUNCTION OF θ AND i AS INDICATED ON DIAGRAM FOR ADHESION, PENETRATION, AND SPREADING, RESPECTIVELY

FIG. IIa PRIOR ART

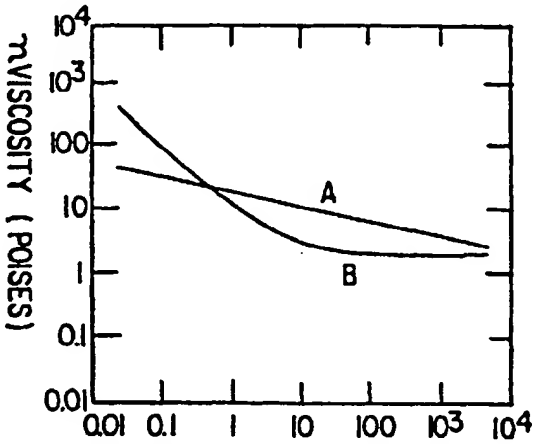


FIG. IIb PRIOR AR

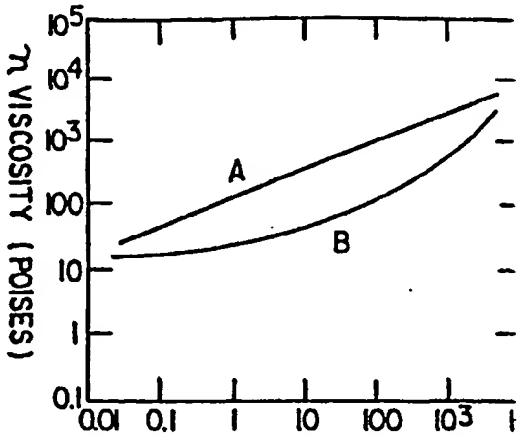


FIG. IIc PRIOR ART

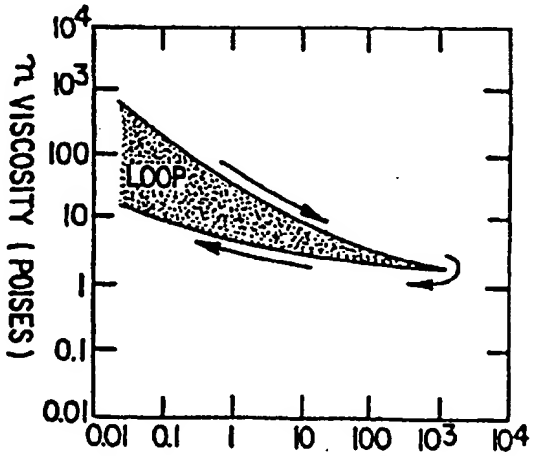
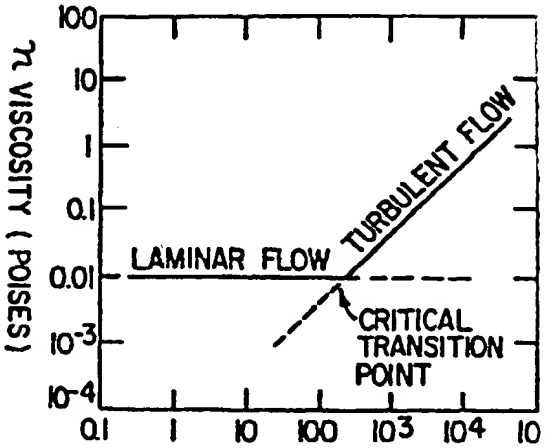


FIG. IId PRIOR ART



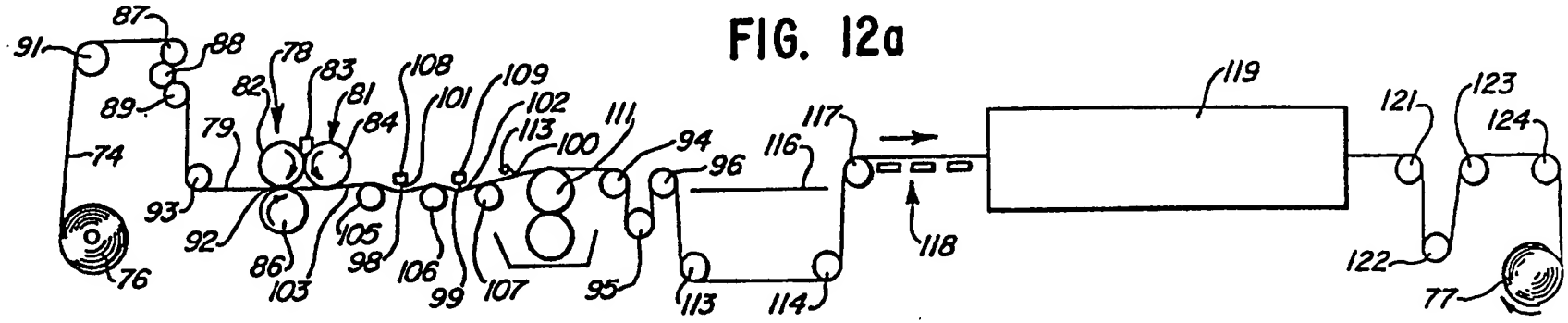


FIG. 12a

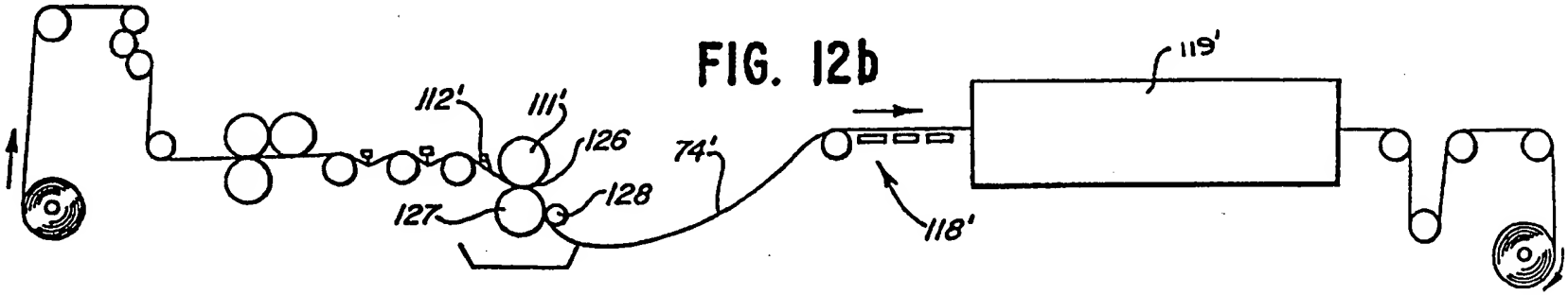


FIG. 12b

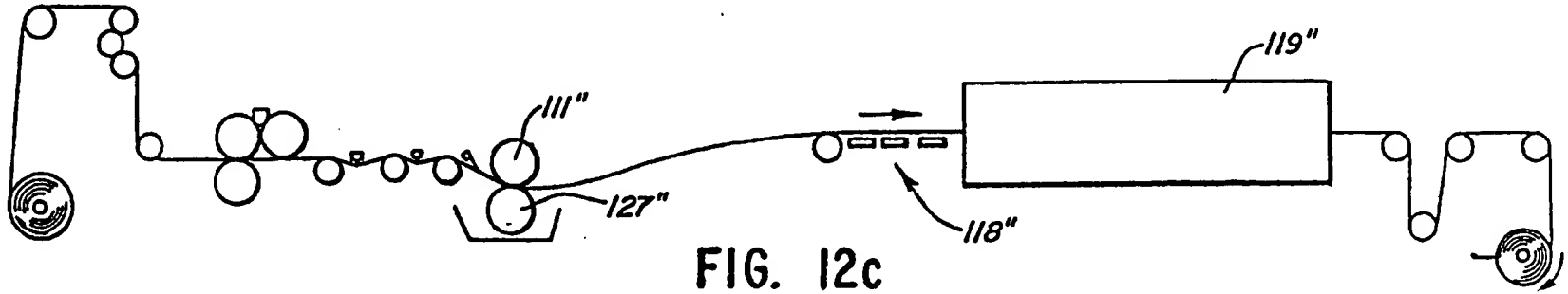


FIG. 12c

05656700 - 170597

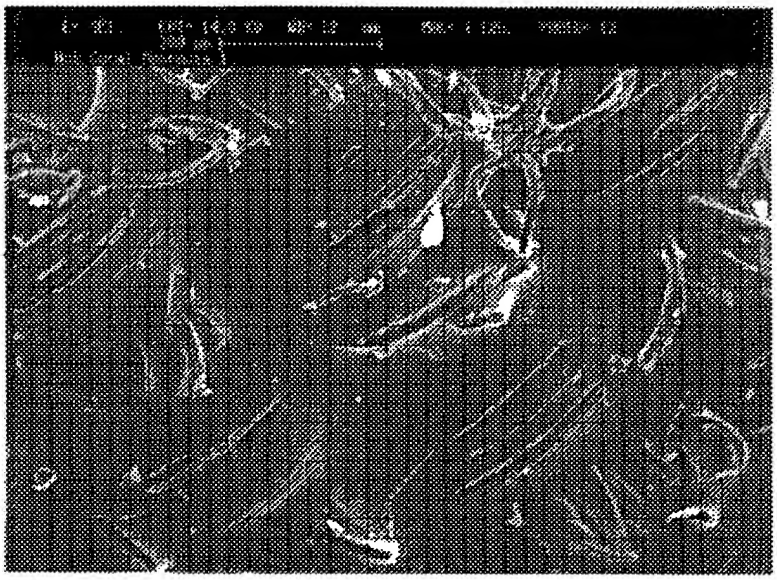


FIG. 13a

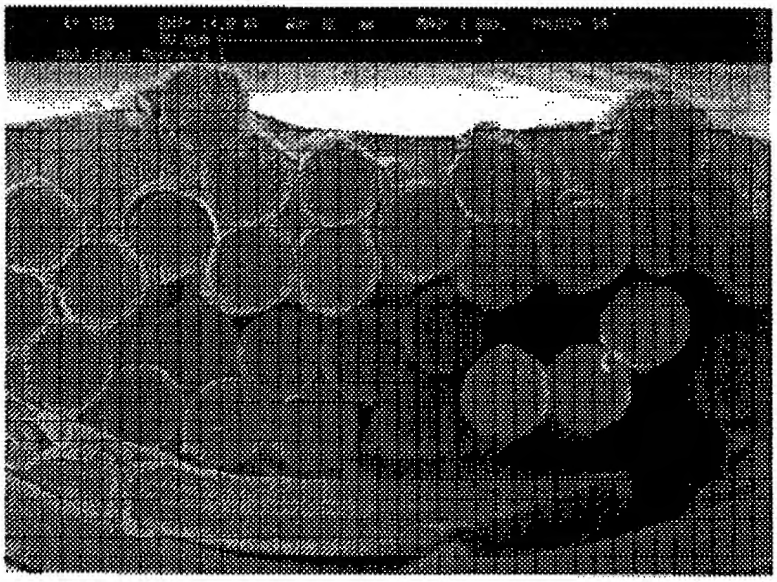


FIG. 13b

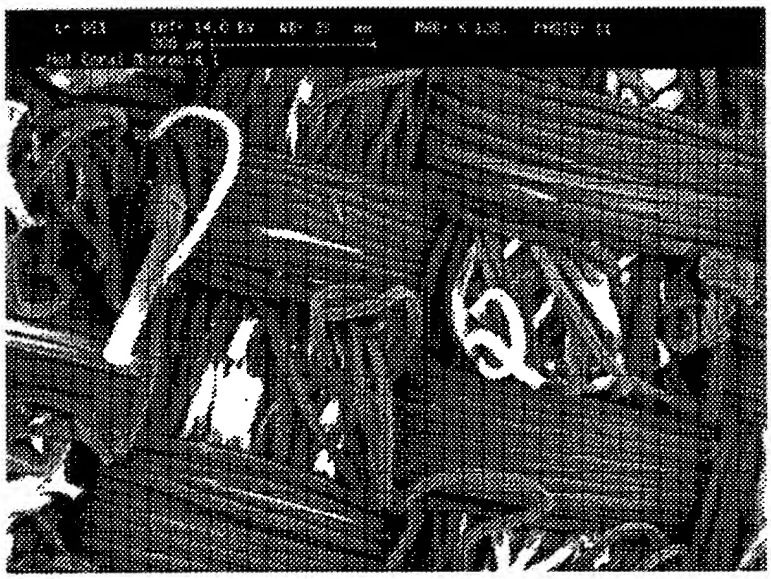
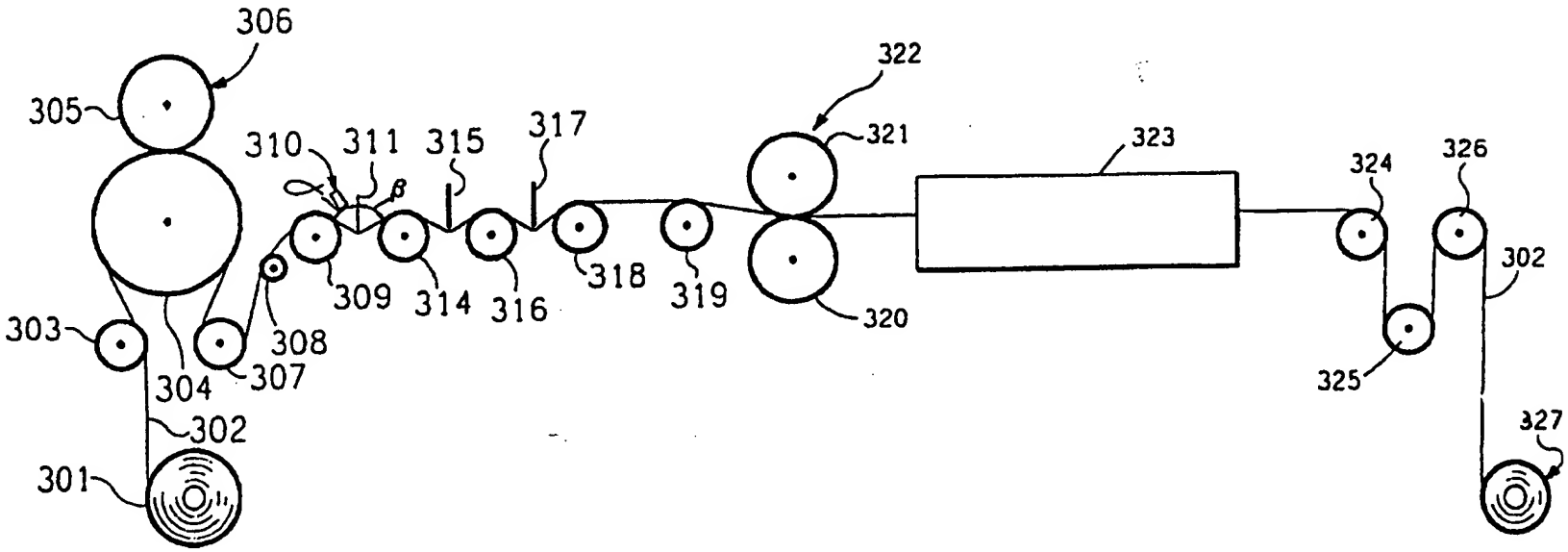


FIG. 13c


306
305
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311
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β
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301
327

FIG. 14

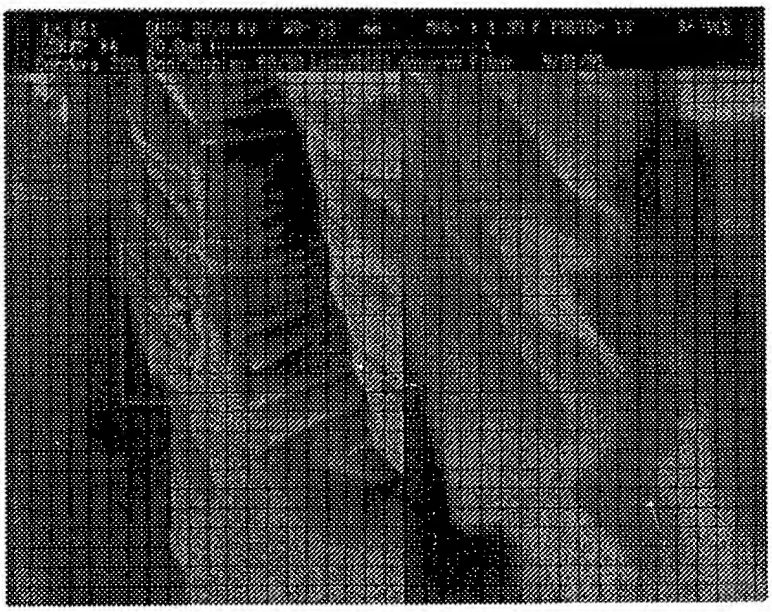

FIG. 15a

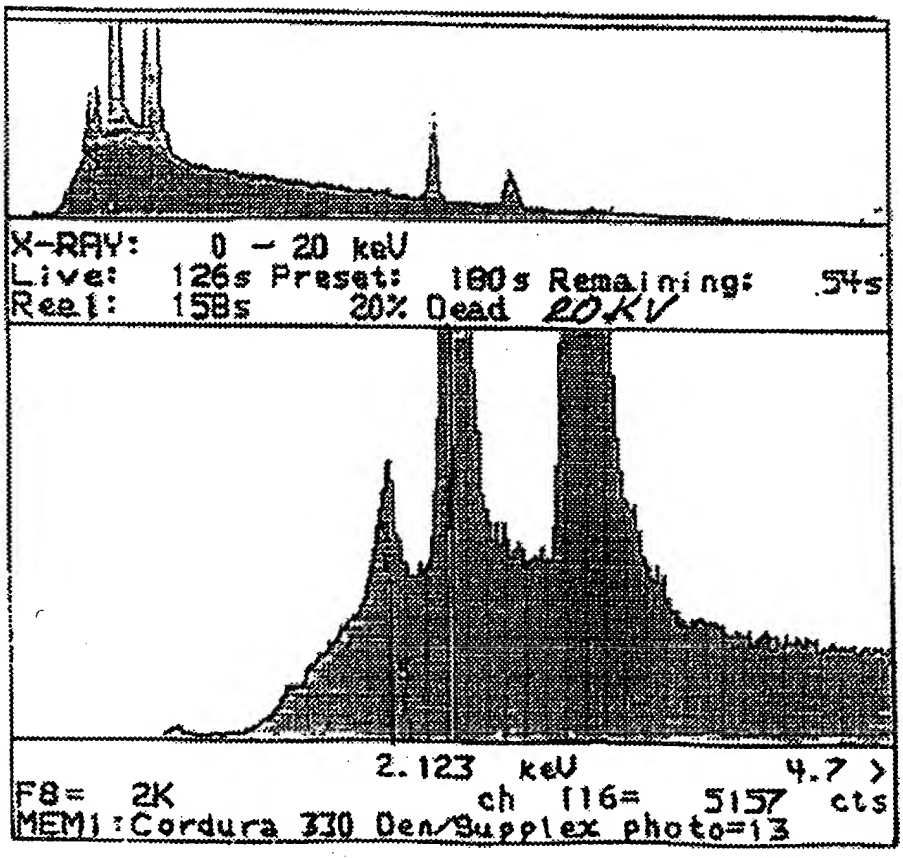
X-RAY: 0 - 20 keV
Live: 126s Preset: 180s Remaining: 54s
Reel: 158s 20% Dead 20KV
2.123 keV
4.7 >
F8= 2K ch 116= 5157 cts
MEM1:Cordura 330 Den/Supplex photo=13

FIG. 15b

0656700-1140397

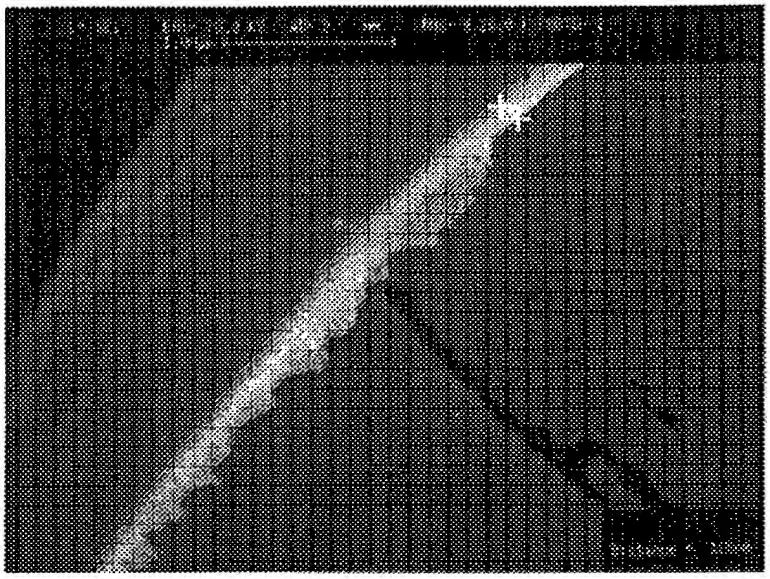

FIG. 15c

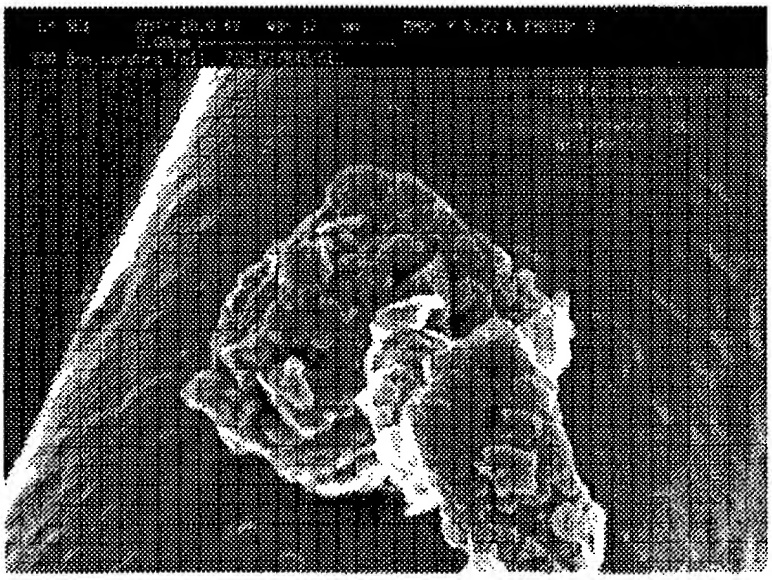

FIG. 15d

0856700 - 110397

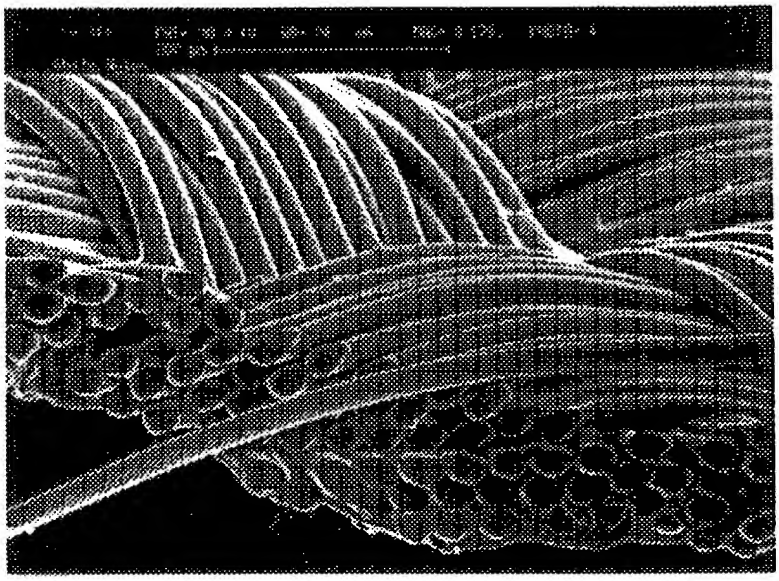

FIG. 15e

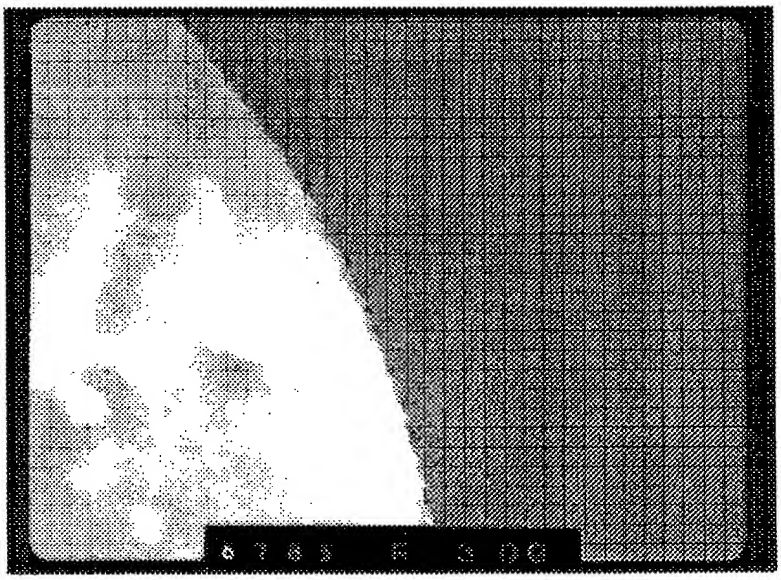

FIG. 15f

0852700.4

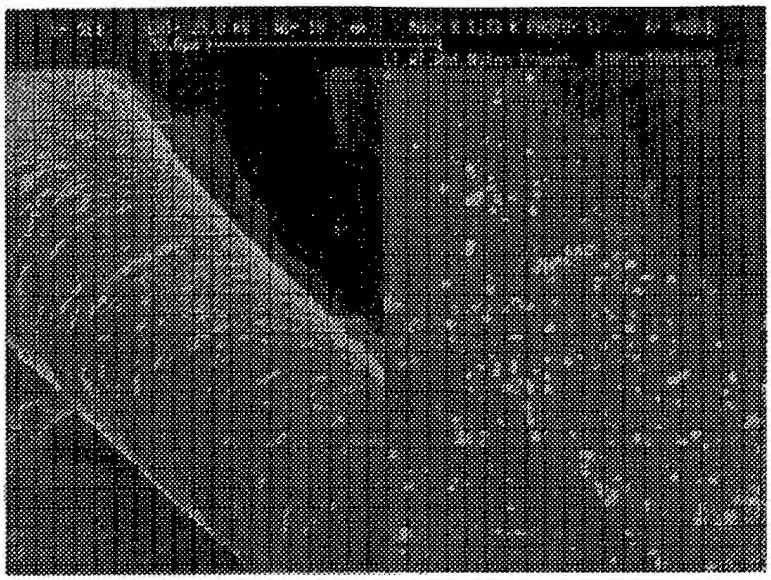

FIG. 15g

FIG. 15h

0862700-110397

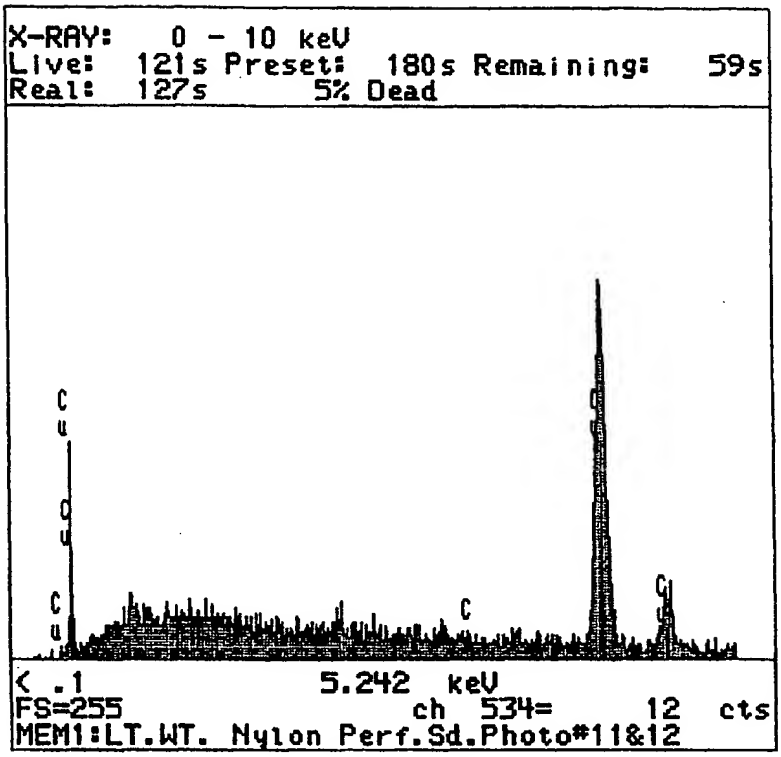

FIG. 15i